

FORM PTO-1449		THE UNITED STATES PATENT AND TRADEMARK OFFICE	
LIST OF PRIOR ART Cited by Applicants as Relevant to Invention entitled:		ATTY. DOCKET NO. 111732.00012	SERIAL NO. 101796,814
CAPACITIVE ELECTROSTATIC PROCESS FOR INHIBITING THE FORMATION OF BIOFILM DEPOSITS IN MEMBRANE-SEPARATION SYSTEMS		APPLICANTS: M. MICHAEL PITTS, JR., et al.	
		FILING DATE	GROUP 1742

U.S. PATENT DOCUMENTS

EXAMINERS INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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WL	4 0 2 4 0 4 7	05/17/1977	CLARK ET AL.	204	302	101/76
WL	4 2 3 8 3 2 6	12/09/1980	WOLF	210	695	109/79
WL	4 2 7 8 5 4 8	07/14/1981	BETTINGER ET AL.	210	636	108/79
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WL	4 8 8 6 5 9 3	12/12/1989	GIBBS	204	302	102/89
WL	4 9 0 2 3 9 0	02/20/1990	ARNESEN	204	149	103/88
WL	4 9 1 5 8 4 6	04/10/1990	THOMAS, JR. ET AL.	210	702	103/89
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William Leader 12/3/2004

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OTHER PRIOR ART (including Author, Title, Date, Pertinent, Etc.)			
WL	A.J. Sale, "Effects of High Electric Fields on Microorganisms," Biochimica et Biophysica ACTA 781-788 (1967)		
WL	R.W. Glaser, "Reversible Electrical Breakdown of Lipid Bilayers: Formation and Evolution of Pores," Biochimica et Biophysica ACTA 275-286 (1988)		
WL	C.P. Davis, "Effects of Microamperage, Medium, and Bacterial Concentration on Iontophoretic Killing of Bacteria in Fluid," Antimicrobial Agents and Chemotherapy 442-447 (1989)		
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WL	J. Jass, "The Effect of Electrical Currents and Tobramycin on Pseudomonas Aeruginosa Biofilms," Journal of Industrial Microbiology 234-242 (1995)		
WL	N. Wellman, "Bacterial Biofilms and the Bioelectric Effect," Antimicrobial Agents and Chemotherapy 2012-2014 (1996)		
WL	J. Jass, "The Efficacy of Antibiotics Enhanced by Electrical Currents Against Pseudomonas Aeruginosa Biofilms," Journal of Antimicrobial Chemotherapy 987-1000 (1996)		
EXAMINER	William Leader	DATE CONSIDERED	12/3/2004
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			